



Langley Research Center Safety Alert

SA-02-92

Date: January 27, 1992

TO: Distribution

FROM: 429/Head, Risk Management Branch, SSQRD

SUBJECT: Handling Procedures for 3M Experimental Material
PR-500 MOLDING RESIN

The 3M Corporation has recommended that all persons using PR-500 Molding Resin be trained in proper handling techniques for the material. PR-500 Molding Resin is commonly used in composite materials.

The EPA has compared the chemical structures of the amine curative and aromatic diglycidyl ether in the 3M product to compounds with similar structures which have been found to cause cancer, retinopathy, liver and reproductive toxicity in laboratory animals. The EPA has concluded that there is insufficient toxicity data available on this compound to rule out the risks and 3M is currently conducting additional toxicology tests for the EPA.

If you are using any form of 3M PR-500 Molding Resin or any 3M product that contains this new amine curative or aromatic diglycidyl ether, such as PS-501 (epoxy Powder), SP-500-2 (carbon fiber prepreg material), or AMD-0029 (experimental epoxy powder), please contact Industrial Hygienist, Suzanne Zaremski at extension 48024. Further health information, a copy of the MSDS, and training on the proper handling techniques will be made available to you.

Please circulate this alert to appropriate personnel.

V. William Wessel
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47233

Distribution:
Facility Safety Heads
Facility Coordinators
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429/WCH *[Signature]*